



































Mike
HBO





Mike
HBO





Internet Archive
Decentralized Web
Summit 2018

Mike
HBO











Mike
HBO







INTERVIEW













































INTERNET



Jonathan

Decentralized Web
Summit 2023



Ocean Project



The Ocean Project is building a
dissimilative intelligence
reflective by the art communes





Ocean Protocol
Dimitri



Ocean Protocol
Dimitri De Jong

Dimitri
De Jong



Jonathan

Lawster



Ocean
Protocol

Lightning



CYBER

Dimitri
Dimitri









INTER





Tara
Beamer Web
Summit 2018



S
Samantha
Decentralized Web
Summit 2018



Sarah Kaino
Decentralized Web
Summit 2018

Browser







TIME STATION
CLOCK STATION
WORLD WAR II
LIFE IN THE 1940S
UNIQUE PLATES FROM
THE 1940S



WAYBACK

194

INFO STATION
TIME TRAVEL
TIME ALARMING
TIME WARP POINT
TIME EXPANSION
TIME DISTORTION



B

6
Dezentrales Auswählen 2010
Aaron



Jonathan
Jonathan Lai
Community & Social
Innovation

Wendy
Wendy Wu
Discentralization
Summit 2018



Entangled Reo
2018

aron



BURRITOS

TACOS

DRINKS

CATERING SERVICE
(415) 559 6127
www.tacosanbuena.com

15
SAN BUENA
2598 H
St. FGD
415-559-
6127







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15





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CATERING SERVICE
(415) 559 6127
www.tacosanbuena.com

15







Ocean Protocol

Dimitri De Jonghe

Ocean protocol is building a decentralized intelligence layer for the web.









Yasushi

Decentralized Web
Summit 2018

Ryoichi

Orbital

Space United

Ocean Protocol

Dimitri De Jonghe

Ocean protocol is building a
decentralized intelligence
commons for the commons



The Wayback Machine

Mark Cuban's
Digital Sports
Network

Official TV Partner





The Wayback Machine
Mr. Potato Head
Official Soda Partner





ALEXANDRIA
Devon Read James
Amy James
Kristoffer Newsom

Open Index Protocol
8/16 2pm

Open Index Protocol
Kristoffer





ALEXANDRIA
Devon Read James
Amy James
Kristoffer Newsom

Open Index Project
& its Ecosystem Talk
9/1 @ 2pm

bioRxiv
with Kristoffer
Newsom

RNET

bioRxiv
K



ALEXANDRIA

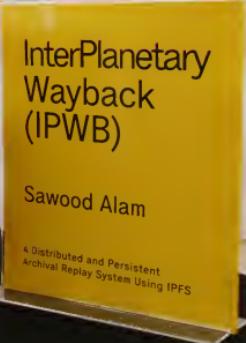
Devon Read James
Amy James
Kristoffer Newsom

ALEXANDRIA is the first application to use the Index Protocol to build the digital library. A web application that indexes all news published to the Index Protocol to search and browse all news published to the Index.

Open Index Protocol
8/1 @ 1pm

Kristoffer
Index Protocol
Developer Meetup
Grenoble 2018





InterPlanetary Wayback (IPWB)

Sawood Alam

A Distributed and Persistent
Archival Replay System Using IPFS





CARDINAL

John

Cynthia

2019
Networking Mix & Mingle
Nick





CAR

CRIMINAL

Anna

Cynthia

Nick

Nubia



ALPH LAUREN



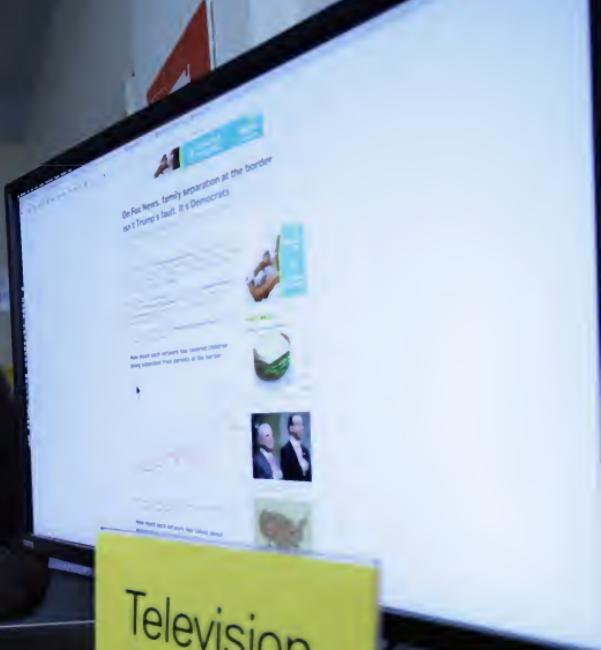
Television Archive

Tracey
Jaquith

On Fox News, family separation at the border
isn't Trump's fault. It's Democrats'



...





Tara

Beaker
Browser

On Fox News, family separation at the border
isn't Trump's fault. It's Democrats



source ABC7



source ABC7



source ABC7

Television Archive

Tracey
Jaquith

Tracey

On Fox News, family separation at the border
isn't Trump's fault. It's Democrats':

New math textbook has separated children
long yearned for parents at the border



Television Archive

Tracey
Jaquith

Tracey

Jaquith



Decentralized
Web
Summit 2018

ORANGE BOUNCE

Television
Archive
Tracey
Jaquith





Tara
Software Engineer
OpenStreetMap
January 2018

Book
Digitization

Chris Mankiewicz

Feross

Book
Digitization

Chris Mankiewicz
University of Pennsylvania Library
Digitization Services





Decentralized
Web Summit

2018

Book
Digitization

Chris Mankiewicz





Tara

Open Source



R
C
M







Decentralized Web
Summit 2018

Duke



Decentralized Web
Summit 2018

Duke

Cofounder

Tokenized
Exquisite
Corpse &
Poem

Duncan Krostue

Illustrate your inspiration // pen a pun
and we'll make it into crypto-art
together!



Illustrate your inspiration // pen a pun
and we'll make it into crypto-art
together!

Illustrate your inspiration // pen a pun
and we'll make it into crypto-art
together!

Tokenized Exquisite Corpse & Poem

Duncan Krostue

Illustrate your inspiration or pen a pun
and we'll make it into crypto-art
together.



Tokenized
Exquisite
Corpse &
Poem

Duncan Krostue

Illustrate your inspiration or pen a poem
and we'll make it into crypto-art
together



Tokenized
Exquisite
Corpse &
Poem

Duncan Krostue

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Theorem



Tokenized
Exquisite
Corpse &
Poem

Duncan Krostue

Illustrate your inspiration or pen a pun
and we'll make it into crypto-art
together



**Tokenized
Exquisite
Corpse &
Poem**

Duncan Krostue

Illustrate your inspiration or pen a poem
and we'll make it into crypto-art
together



Illustration by Duncan Krostue
Learning Machine



Tokenized
Exquisite
Corpse &
Poem

Duncan Kros'



Tokenized
Exquisite
Corpse &
Poem

Duncan Kros'

Illustrate your imagination or
and we'll make it into crypto
together!





The Wayback Machine

Mark Graham
Kenji Nagahashi
David Van Duzer

Helping to make the Web more Useful
and Reliable, one archived URL at a time.





The Wayback Machine

Mark Graham
Kenji Nagahashi
David Van Duzer

Helping to make the Web more useful
and Reliable, one archived URL at a time.



Meshstream

Benedict Lau
Nicola Pace

The Wayback Machine

Mark Graham
Kenji Nagahashi
David Van Duzer

Helping to make the Web more Useful
and Reliable one archived URL at a time.



Meshstream

Benedict Lau
Nicola Pace

Meshst

Simedot L
Nanés P



Meshst

Benoit L
Nicolas P







Chris





208

209

210



Open Index Protocol
& its Ecosystem Talk
8/1 @ 2PM

ALEXANDRIA
Devon Read James
Amy James
Kristoffer Newsom

ALEXANDRIA is the first
application to use Open Index Protocol
and was built by the DIP team
alongside the searchteam.
It's a web
application to search and browse all
records published to the index.

Kristoffer
Newsom
DIP
Open Index Protocol
Constituted Web
Divecon 2018





John

Davis



Chris



TENSIONS
CRITERIA

The main concern for KE is to make the network to the Manhattan Sub Network

For example, if London is preparing to move to New York, it would take about 10 days to do so. This is because the distance between London and New York is approximately 1000 miles.

If we want to reduce the preparation time, we could use a faster transport system like a high-speed train or a plane.

If the transport system is slow, then the preparation time will be longer.

InterPlanetary Wayback (IPWB)

Sawood Alam

A Distributed and Persistent
Archival Replay System Using IPFS



Cultural
Heritage
Imaging

Carla Schroer

Software
Hardware
Services
Training
Consulting
Research
Cultural
Legacy



A black table with a white cloth, displaying a laptop, brochures, and a sign for Cultural Heritage Imaging.

RTI Transforming Conservation

RTI is a leader in the field of non-destructive analysis and imaging of cultural heritage objects.

Photoluminescence Imaging & Conservation

Photoluminescence Imaging (PLI) is a non-destructive technique that can reveal hidden details of objects.



Cultural Heritage Imaging

Carla Schroer

Developing software tools to
democratize the use of imaging
technology to save humanity's
endangered cultural legacy.



Cultural Heritage Imaging

Carla Schroer
Developing software to democratize the use of imaging technology to save humanity's imperiled cultural legacy



Cultural Heritage Imaging

Carla Schroer
Developing software to democratize the use of technology to help protect imperiled cultural legacy





Internet
Archive
Digitizing partner



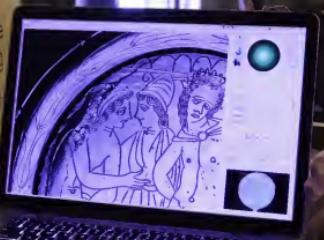
Cultural
Heritage
Imaging

Carta S.



EXIT

Cultural
Heritage
Imaging
Carta S...
...n



EXIT



Ouinet

Ivan Vilata-i-Balaguer

Software engineer
Cloud architect
Open source enthusiast

OpenSUSE

OpenSUSE

OpenSUSE

LIPPH LAURE.



Ouinet

Ivan Vilata-i-Balaguer

Illustration
Digital Art
Book

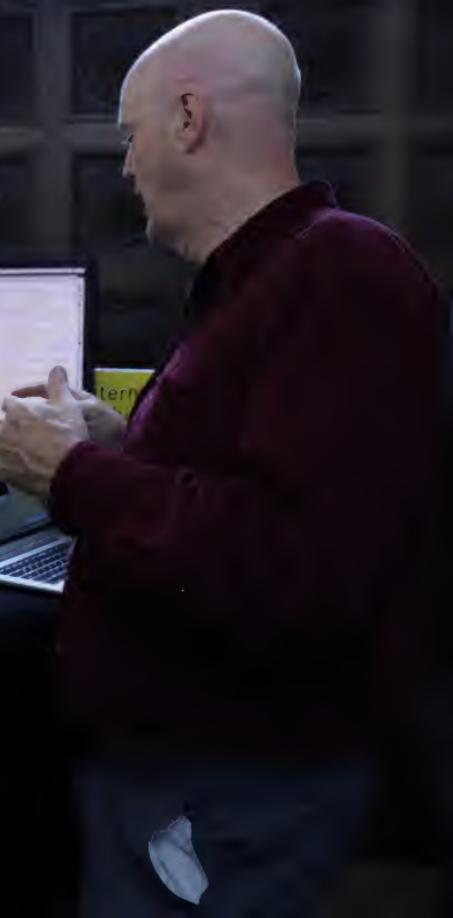
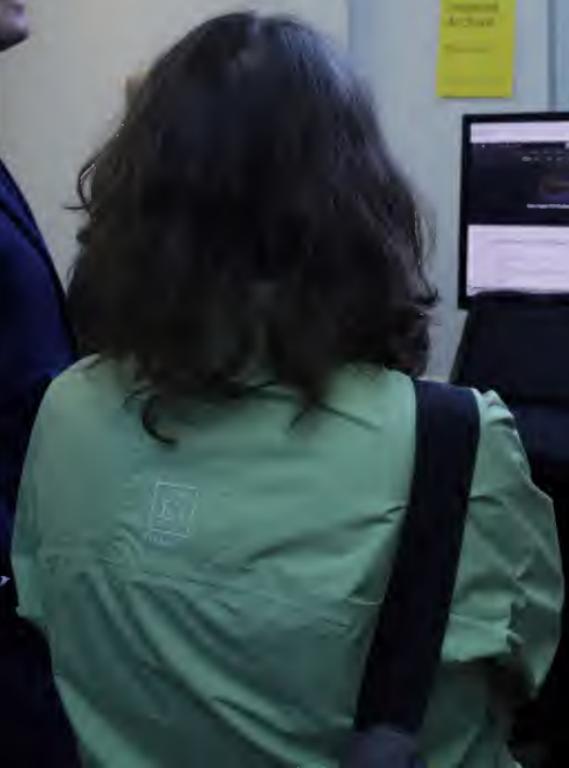


Ouinet

Ivan Vilata--Balagueu



LAUREN RALPH LAUREN



Information
Archives

intern

**NetFreedom
Pioneers**

Mehdi Yahyanejad
Sarah Bowers
AlReza Firouz
Shadi Shafii
Jamelon Baker

Sarah
Yahyanejad



ALPH LAUREN
2010

Interne
Archive

Interne
Archive

NetFreedom Pioneers

Mehdi Yahyanejad
Sarah Bowers
Alireza Firooz
Shadi Sharifi
Cameron Baker

Sarah
Bowers

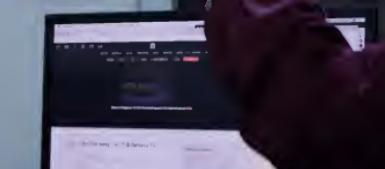


Cloud

YLAUREN



Internet
Archive
www.archive.org



NetFreedom
Pioneers

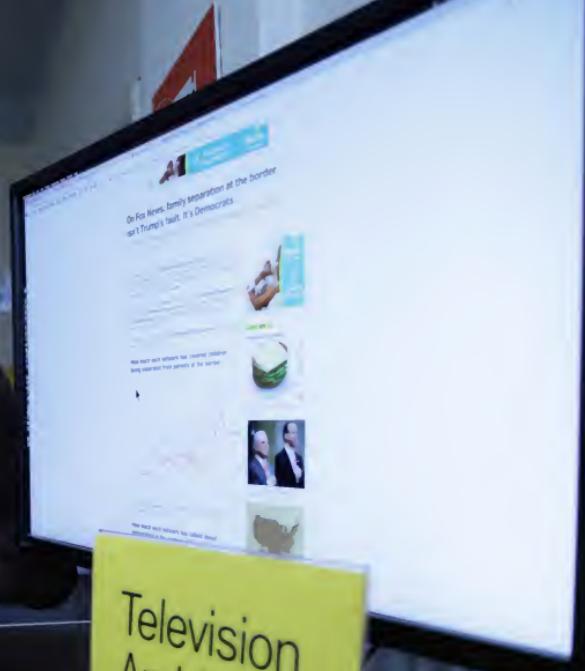
Mehdi Yahyanejad
Sarah Bowers
Alireza Firozi
Shadi Sharifi
Camille Baker

Sarah



Television
Archive

Tracey
Jaquith



NetFreedom
Pioneers

Mehdi Yahyajad
Sarah Bowers
Afurza Firozi
Chadi Sharifi
Cameron Baker

Sarah



NetFreedom
Pioneers

Mehdi Yahyanejad
Sarah Bowers
Alireza Firooz
Shadi Sharifi
Cameron Baker

Sarah



Television
Archive

Tracey
Jaquith

On Fox News, family separation at the border
isn't Trump's fault. It's a Democratic



Ouinet

Ivan Vilata-i-Balaguer

Cooperative P2P
Networking of wireless
connectivity services

101



Ouinet

Ivan Vilata-i-Balaguer

Cooperative P2P enabling smart
routing of web content to avoid
connectivity issues













EXIT

Matrix

Armandine Le Pape
Matthew Hodgson

[matrix]

matrix



matrix

EXIT

Matrix

Amandine Le Pape
Matthew Hodgson

[matrix]

matrix



matrix



[matrix]

Matthew

matrix



[matr.x]

Matthew
Software Dev

main

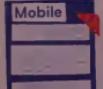
[matrix]

Matthew

manu



#DWebSummit ▶ Science



textile

OHVIB
photos
Wallet
Threads
Blockchain



textile



#DWebSummit ▶ Science

textile

Mobile
OHVTB
Photos
Wallet
Threads
Blockchain





Tokenized
Exquisite
Corpse &
Poem

Duncan Krostue

Using NFTs to tokenize the Corpse Poem
with a focus on community and connection



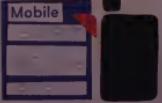


Tokenized Exquisite Corpse & Poem

Duncan Krostue

#DWebSummit ▶ Science

textile



OHVTB

Photos

Walle

Threads

Blockchain



textile

photos

walle

threads

blockchain

etc

#DWebSummit ▶ Science Fair
2018

Mobile

OHVTB

Photos
Wallet

Threads

Blockchain

textile



textile

Tokenized
Exquisite
Corpse &
Poem

Duncan Krostue

Illustrate your inspiration or pen a pun
and we'll make it into crypto-art
together!



#DWebSummit ▶ Science Fair
2018

Mobile

OHVTB

Photos

Wallet

Threads

Blockchain

textile



textile

#DWebSummit ▶ Science Fair
2018

textile

Mobile

OHVTB

Photos
Walled
Threads
Blockchain



#DWebSummit ▶ Science F
20



textile

OHVTB

Photos

Wallet

Threads

Blockchain



in textile



#DWebSummit

Science F

20

textile

Mobile



OHVTB



Photos



Wallet



Threads



Blockchain



textile



Coil

Stefan Thomas
Ben Sherrahian
Alvin Wong

Coil

Tefan Thomas
Paul Tsinerhan
Amelia Wong



Coil

Stefan Thomas
Ben Sharafian
Andros Wong







Gnosis

Kei Kreutler

Ethereum

Derek

Gnosis

Kei Kreutler

ereum

Derek

Meshst

Direct L
Nicolas P



Gnosis

Kei Kreutler

Reprogramming
the Internet
to work
for us
and
our
values

Ethereum

Decentralized Web
Summer 2016
Derek



Gnosis

Kei Kreutler

Rediscovering the 7th Sense
Gnosis is a major movement for angelic energy.
It is a spiritual path to awakening and personal growth.

etherium

Derek

Urbit
Chris Johnson
Gavin Atkinson
Morgan Sutherland

3 1
5 9
2 6 5

Urbit

Chris Johnson
Gavin Atkinson
Morgan Sutherland

Urbit

Chris Johnson
Gavin Atkinson
Morgan Sutherland

Thanks to our



3 ↑
159
265

Urbit

Chris Johnson
Gavin Atkinson
Morgan Sutherland

Urbit is a distributed ledger system that uses a peer-to-peer network to verify transactions and store data.



Thanks to ou



3 1
1 5 9
2 6 5

Urbit

Chris Johnson
Gavin Atkinson
Morgan Sutherland



Thanks to ou



3 1 2
1 5 9
2 6 5

Urbit

Chris Johnson
Gavin Atkinson
Morgan Sutherland

URBIT IS A KINETIC COMPUTING SYSTEM THAT ALLOWS YOU TO OWN AND CONTROL YOUR DATA, AND TO RUN YOUR OWN APPS ON IT.



Thanks to our



Urbit

Chris Johnson
Gavin Atkinson
Morgan Sutherland





namecc

"Iamecpin a
life will b
ocial"

Namecc



 namecon

"Namecoin and
Bitcoin" -
@namecon



Cultural Heritage Imaging

Carla Schroer

Developing software to democratize the use of technology to help protect imperiled cultural legacy





N namecoin

"Namecoin and
Ritcoin will be
the future of the
Web."

- @v

Namecoin

"Namecoin and
Bitcoin are
the future!"

- @V









Ouinet

Ivan Vilata-i-Balaguer
Software engineer









BTCR DID
Method



BTCR DID
Method





Mozilla

Andre Garzia
Iakli Gozalishvili
Sergio Ayala

Mozilla

Andre Garzia
Iraiki Gozalishvili
Patrick Ayala

Mozilla



Ouinet

Ivan Vilata-i-Balaguer

Cooperative Peer-to-peer
caching and
content routing to avoid
connectivity issues





Mozilla



Mozilla

Open Source
Community



Mozilla

Andre Garzia
Mobile Game Jam with
Mozilla in Ayutla

Mozilla

Andre Garzia
Fabio Giozalinski
Dionisio Ayala

Mozilla

Andrés García
Guria Gozatashvili
Georgi Aysal

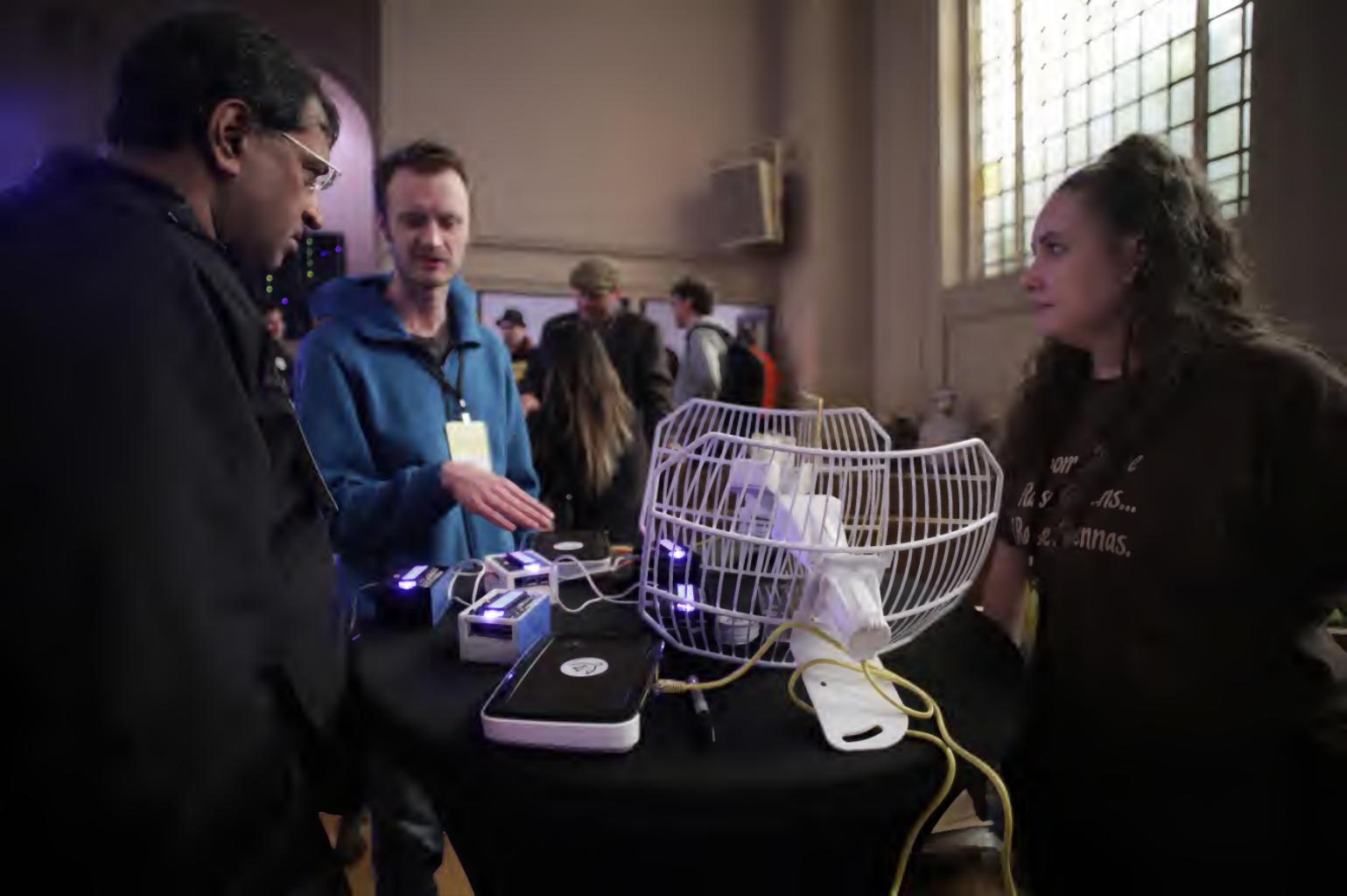
Mozilla

Audrey Garcia
Leah Busque-Saint-Louis
Dmitrich Agapov

on
ras...
Bo re. antenas.



or
as...
Rose. annas.

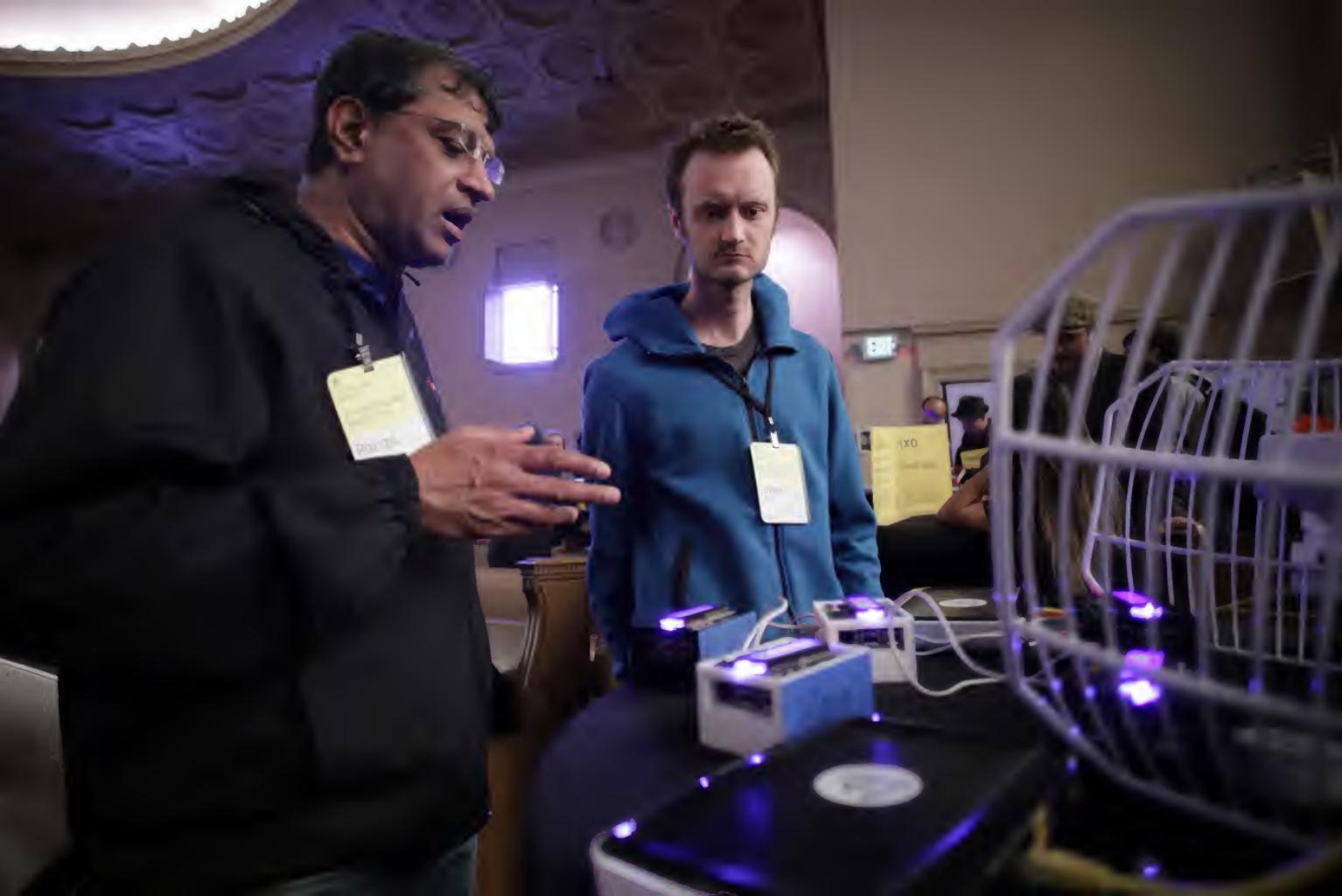


[matrix]

Matthew

matrix

matrix









Aragon
John Light
Derek Alia
Maria Gomez

Aragon
John Light
Derek Alla
Maria Gomez

24/7
IN

λ



λ.org

GUN

Mark Nadal
Priya Kuber
Marte Malmi



BLOCKS

Arth

GUN

Mark Nadal
Priya Kuber
Martti Maimi



GUN

Mark Nada
Priya Kuber
Maruti Maimi

Arth

GUN

Mark Nadal
Priya Kuber
Martti Malm



Web3
Foundation







Sawood

8

David Sarker
Software Dev





PR
Ranveer Mehta
SAP

EOS
dApp
Store

Bill Mar

Distributed Applications on EOS
blockchain

OCEANO
CALIFORNIA





Coil

Latent Dirichlet
Topic Modeling
Bibliometrics
Statistical NLP



**EOS
dApp
Store**

Bill Mar

Distributed Applications on EOS
blockchain

OCEANO
CALIFORNIA

Bill





EOS dApp Store

Bill Mar

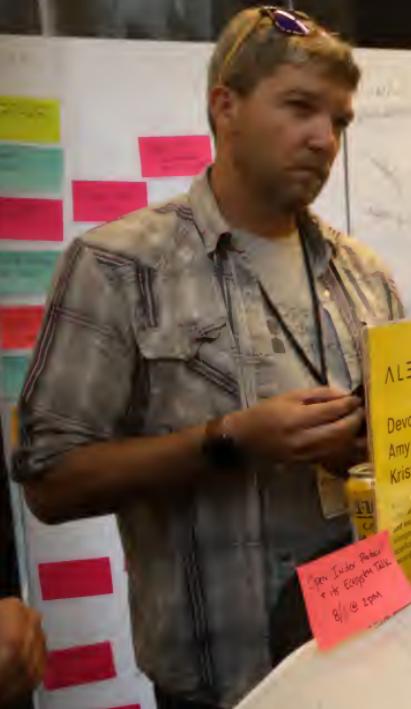
Distributed Applications on EOS
blockchain

OCEANO
ORNIA



Coil
Stefan Thomas
Ben Sherraham
Andrea Weng





Coil

Stefan Thomae
Ber Sharafian
Anhong Wong

ALEXANDRIA

Devon Read James
Amy James
Kristoffer Newsom

Open Index Bookstore
First Friday Book Talk
8/1 @ 2pm

Aragon

John Light

Derek Alia

María Gómez



ddp

Coil

Samuel Thomas
Eli Shorstein
James Wong



Aragon
John Light
Derek Alia
María Gómez



EXIT



EXIT

Jeremiah



Coil

Stefan Thomas
Ben Sharafian
Andros Wong

Decentralizing The Web Economy
With The Blockchain Protocol















People's Open Network

Mai Sutton
Jenny Ryan
Seth Carolina

Kaliros is a community-owned
and operated wireless network in
San Francisco. Open source,
peer-to-peer internet.

RAFFLE!
- Long Card or
- Add with Your Name
- Win 1 of 50 Disaster
Radios. ☺



Charles

OSPREY











Jiacheng









































BTGR DID
Method



















Internet Archive
Digital Library
2019
Decentralized Web



Mike
Carnahan
Chairman
Cannabis
Council of
Canada



Mike



Mike











A photograph showing two men in an indoor setting, possibly a conference or event. In the foreground, a yellow rectangular sign is partially visible, featuring the word "Mozilla" in large, bold, black letters. Below it, smaller text reads "Andrea Garzia", "Mozilla Communications", and "Gutenberg, Austria". The man on the left is wearing a dark baseball cap, a grey zip-up hoodie over a light-colored shirt, and a backpack. He is looking towards the right. The man on the right is wearing glasses, a dark jacket over a dark shirt, and has a lanyard around his neck. He is gesturing with his hands while speaking. In the background, there are wooden pews and a crowd of people seated in rows, suggesting a church or auditorium.

Mozilla

Andrea Garzia
Mozilla Communications
Gutenberg, Austria

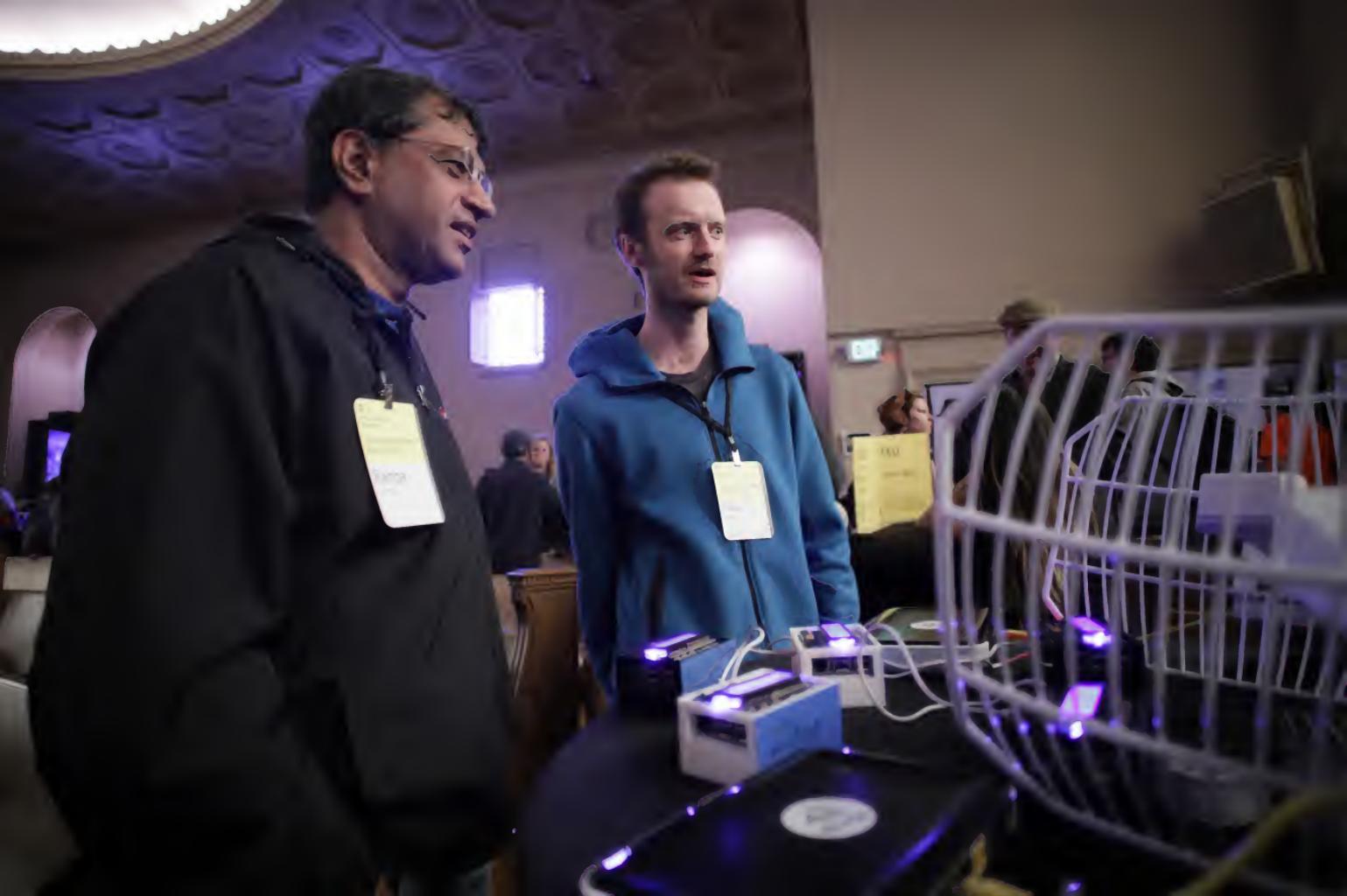










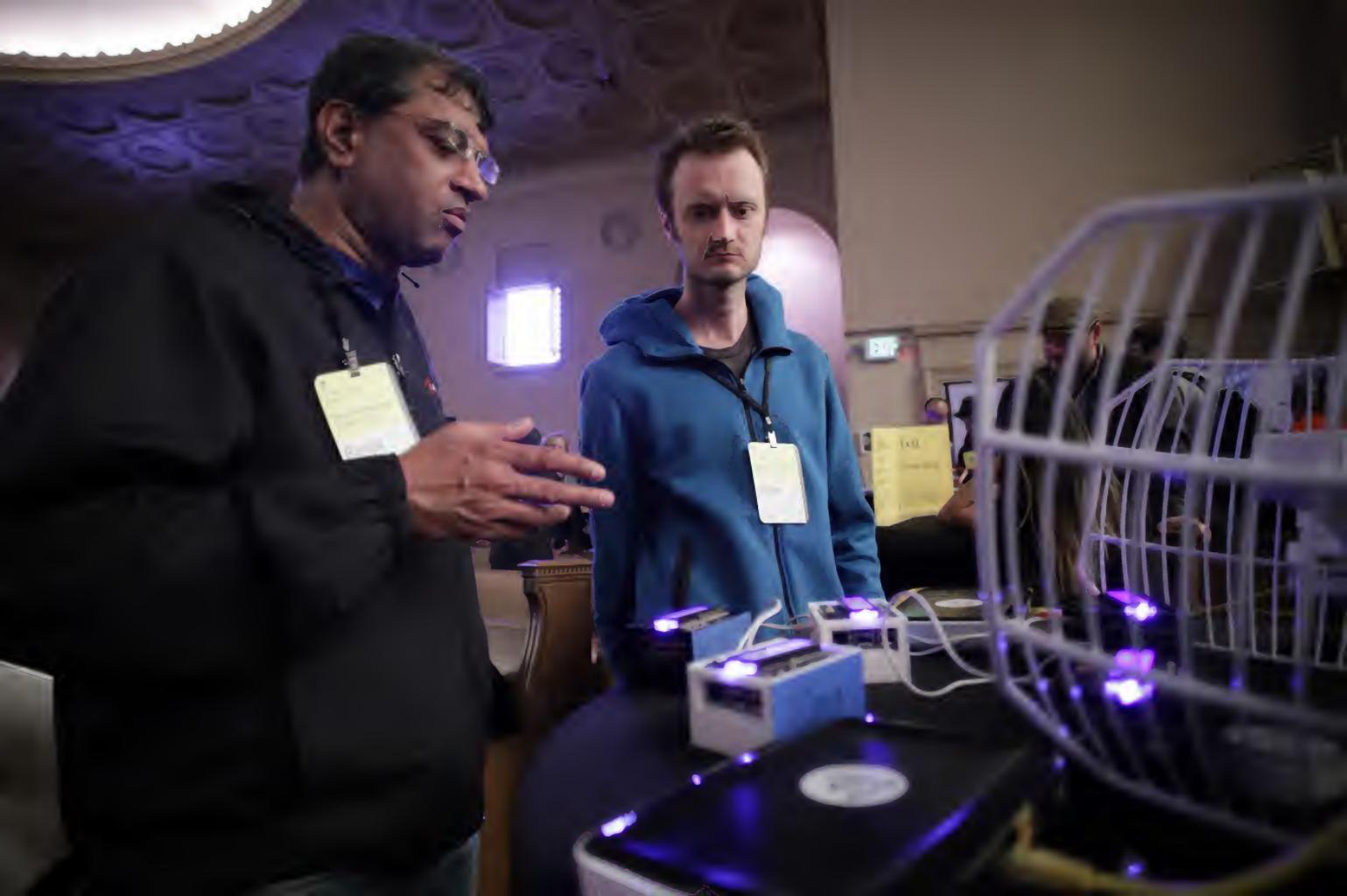


David

David

David











Internet Art
presents
De















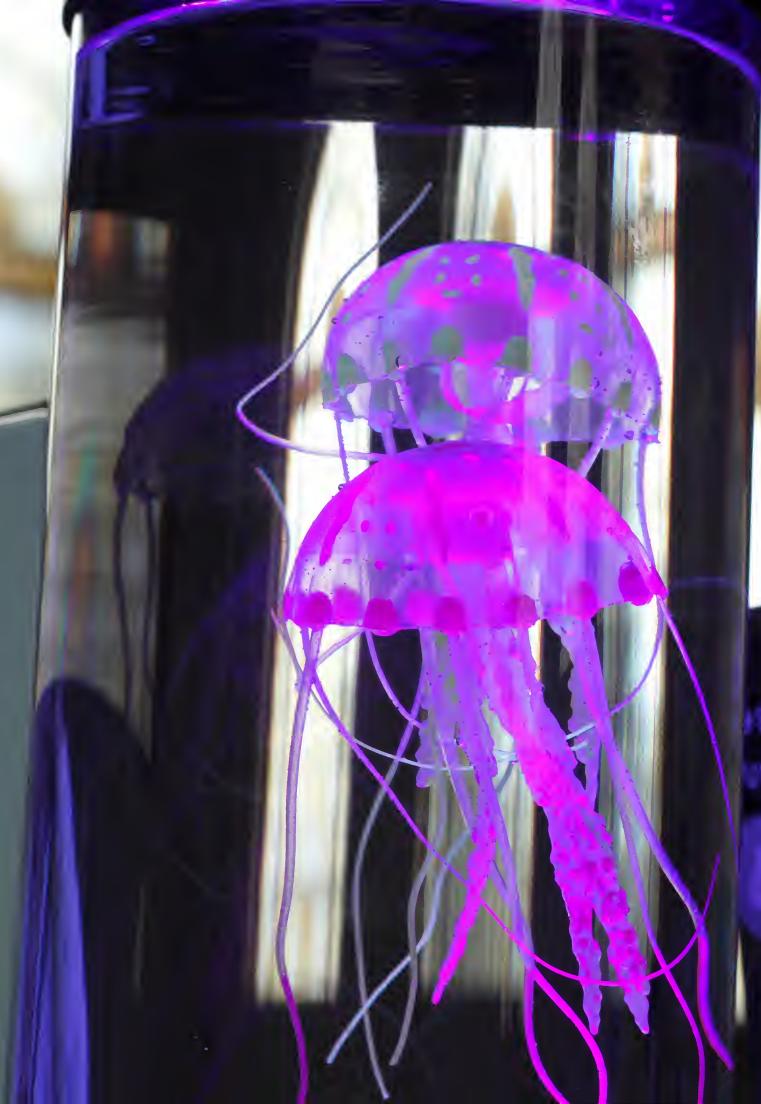








Ocean
Protocol



Ocean
Protocol



Ocean
Protocol







Nicolas
Nicolas



Juan
Juan
Juan

Meshstream

Benedict Lau
Nicola Pace



Decentralized
Summit 2018

Gary



The Internet Archive
presents
Decentralized Web
Summit 2018

Garry
Internet Archive
Decentralized Web
Summit 2018





Poon

Rajiv

High Performance
Machine Learning



Internet Archive
presents
Decentralized Web
Summit 2018



Decentralized
Video
Summit 2016

N nanocoin

"Namecoin and
Bitcoin will be
very



namecoin

"Namecoin and
Bitcoin will be
binary"

ALEXANDRIA

Devon Read James
Amy James
Kristoffer Newson

On Sunday, June
10, 2018 at 2pm
80 & 2pm

Build a
Maze
With Our
Friends

Build a
Maze
With Our
Friends

N namecon

Namecoin and
Bitcoin will be
complementary

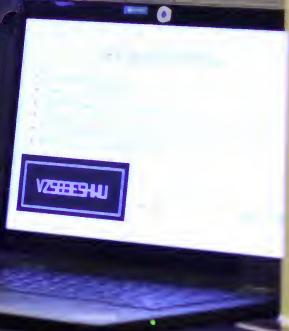
ALEXANDRIA

Devon Read James
Kerry James



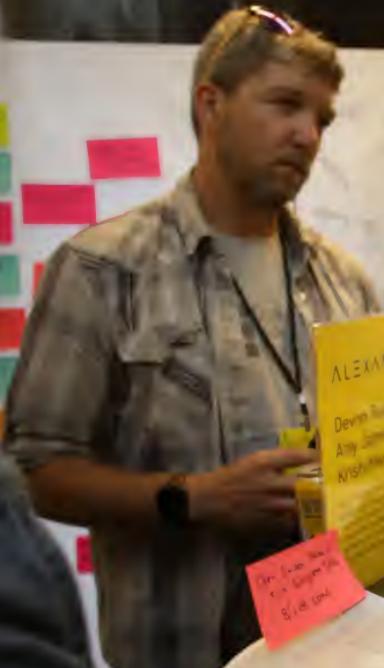


Brian Warner
Decentralized Web
Summit 2018



SES: Secure
ECMAScript

Brian Warner





Decentralized Web
Summit 2018

Brian
Warner

SES Secure
ECMAScript

Brian Warner



SES:Secure
ECMAScript
Brian Warner



SES:Secure
ECMAScript

Brian Warner

Let eval() do what it does best: evaluate code written by untrusted parties. However, some sites can interact with your browser's memory to break security. V3EEESHU makes this impossible.



SES:Secure
ECMAScript

Brian Warner

Althea

Jehan Tembark











BTCR DID Method

Christopher Allen
Kim Hamilton Duffy

One-Button Reinforcement DID and Full
Autonomy, Only on the public Bitcoin
Blockchain

**BTCR DID
Method**

Christopher Allen
Kim Hamilton Duffy

© 2013 Christopher Allen and Kim Hamilton Duffy



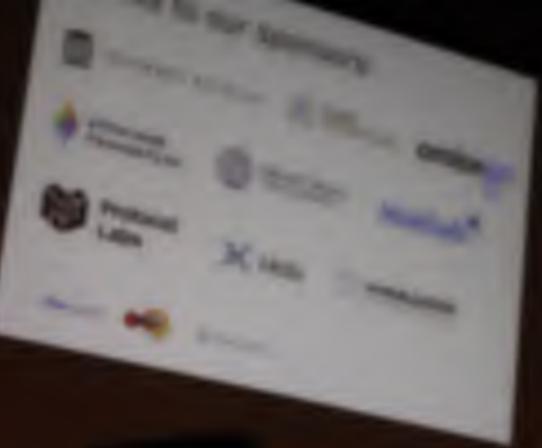
BTCR DID
Method

Christopher Allen
Kim Hamilton Duffy

Foreword by Christopher Allen

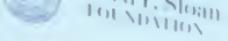












Protocol
Labs

MaidSafe¹



HYPERLEDGER

blue



blue



P2P Models

Decentralized Web
Summit 2019

Antonio



P2P Models

Antonio Tavares Ferreira

Decentralized Web
Summit 2018

Antonio



MaidSafe

HYPERLEDGER

200
404
451



Solid

Tim Berners-Lee
Ruben Verborgh

This is a summary from "Hypermedia Solid" it is a simplified test of commitments you're making for building better Web services based on principles based on Linked Data principles.





Charles

Solid

Tim Berners-Lee
Ruben Verborgh

Solid (from the "social universal identifier") is a decentralized web of interconnected and trustless blockchains designed to enable secure, permissioned, privacy-appropriate, consent and linked digital interactions.



Solid

Tim Berners-Lee
Ruben Verborgh

Solid (Solid) is a social linked data API, a protocol, set of conventions, and tools for building decentralized and federated applications based on linked data principles.





A man in a purple hoodie is seen from the back, shaking hands with a woman in a grey, shaggy jacket. They are standing in what appears to be a public space or exhibition hall. In the background, there are other people and a yellow sign on a wooden railing that reads "Digital Democracy".

Digital Democracy

Alexis McKenna
Stephen Whitney



Digital
Democracy

Karenza McKinney
Stephen Whitney







































































































































Documented
Sessions 2018



Mike





Mike



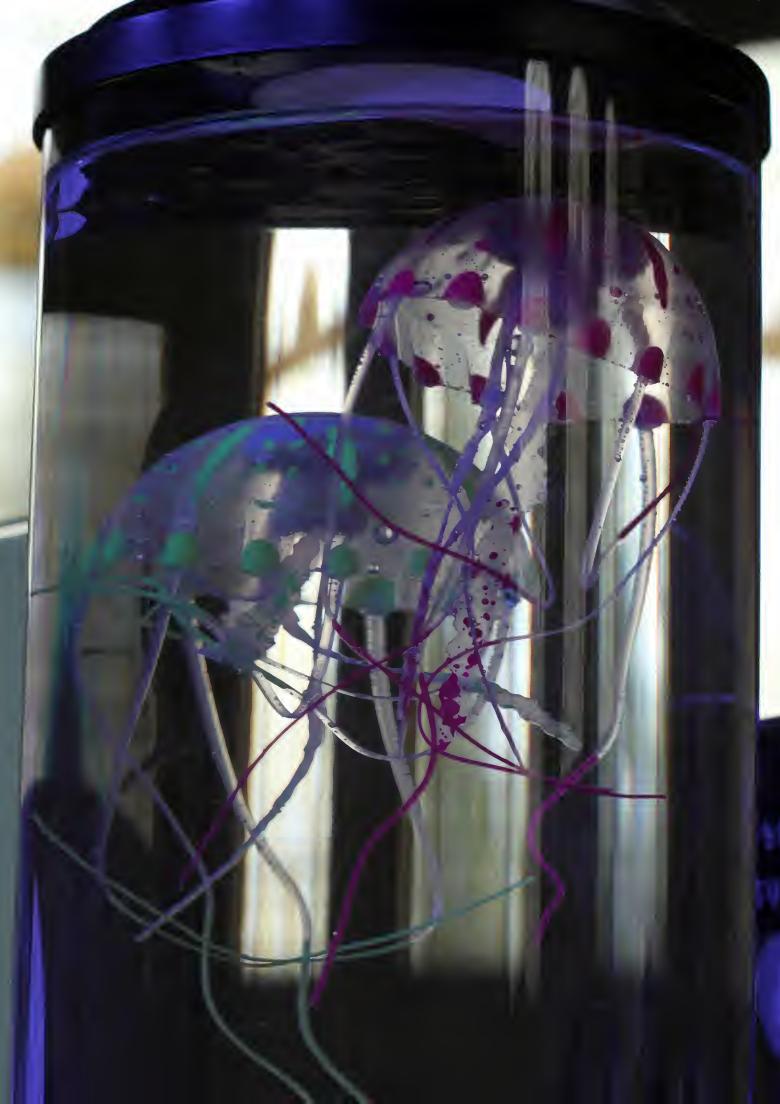








Ocean
Protocol



Ocean
Protocol



Ocean
Protocol



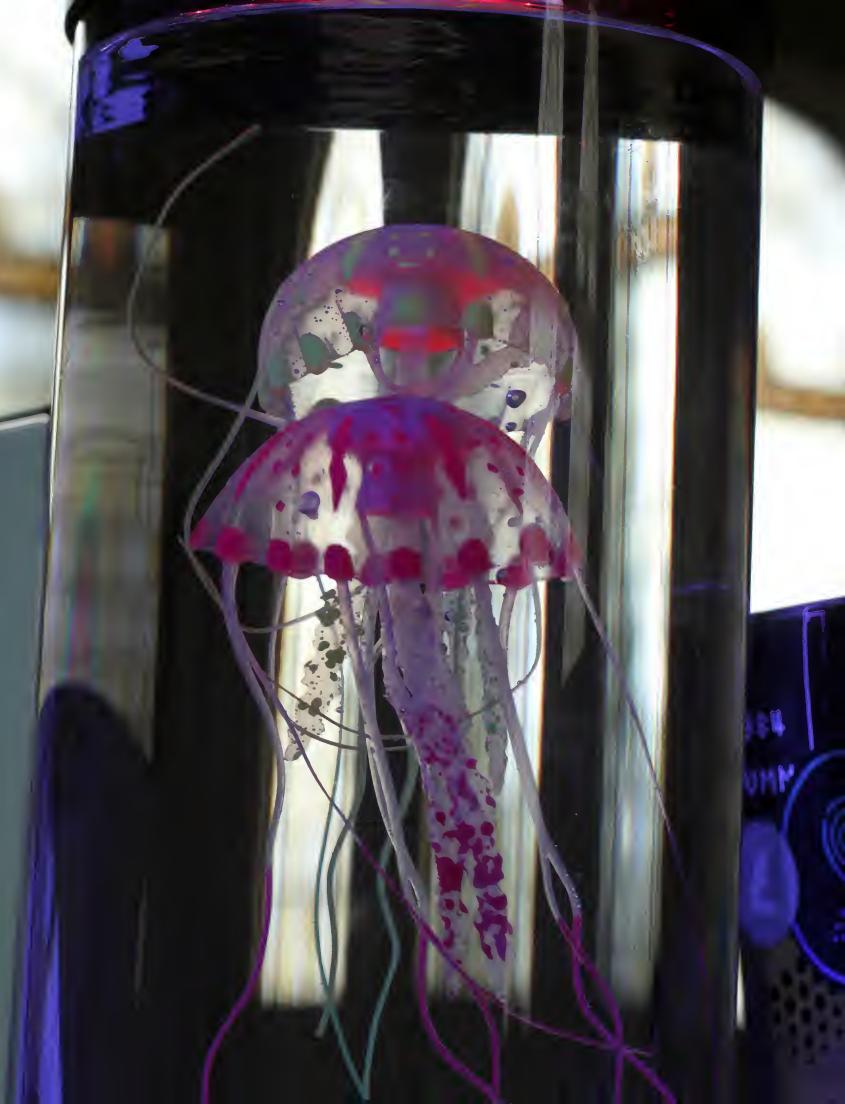
Ocean
Protocol



Ocean
Protocol



Ocean
Protocol





Distributed Web
Summit 2018
Juan
BenedictLau

Meshstream

Benedict Lau
Nicolas Paech



Meshstream

Benedict Lau
Nicolas Pachy

Meshstream

Benedict Lau
Nicolás Pace

The purpose is to show what can be accomplished with peer-to-peer applications running over a wireless network that is generated from the mesh.









Domenic
Decentralized Web

Garry
Decentralized Web



Michael Saito
University of Alberta
Dynamical Fluids Group

Garry
University of Alberta
Dynamical Fluids Group



Internet Archive
presents
Decentralized Web
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Garry
Decentralized Web
Summit 2018









SES:Secure
ECMAScript

Brian Warner

Want to learn more? Visit vzeeshu.com for full information about the Decentralized Web Summit 2018, including speakers, agenda, and how to register.



SES

Brian

SES: Secure
ECMAScript

Brian Warner



SES:Secure
ECMAScript

Brian Warner

After decades of work by many teams, the standardization process is finally complete. This document provides an overview of the major changes and highlights some of the most interesting features of the new standard.



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Warner

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SES:Secure
ECMAScript
Brian Warner

Abstract: Secure ECMAScript is a proposed standard for adding security features to the ECMAScript language. It includes features such as secure memory management, secure random number generation, and secure cryptographic primitives. This talk will introduce the standard and its benefits, and discuss the challenges of implementing it.



SES:Secure
ECMAScript

Brian Warner

JavaScript's Secure ECMAScript implementation. It provides a secure environment for running untrusted code, such as browser extensions and server-side scripts. SES is designed to be as fast and efficient as possible, while still maintaining a high level of security.



Althea

Jehan Tamimak

Althea



Althea

Jehan Tirmisak

skuchain

**BTCR DID
Method**

Christopher Allen
Kim Hamilton Duffy

This book describes the first widely
available method for creating secure
digital identities.



JO

Jo
Eug
Nata



J
E
N











P2P Models

Antonio Fernández Fraga

Decentralized Web
Summit 2018

Antonio



Solid

Tim Berners-Lee
Ruben Verborgh

solid (derived from "soilless flower theory"), a permanent link or representation you find the best way to record and communicate your personal information using an open license (please refer to)



Solid

Tim Berners-Lee
Ruben Verborgh

Third demand from "Social Web
Manifesto": a consistent set of
terminology and rules for building
distributed web services that can work
through the Linked Data paradigm.





Digital
Democracy

Karenna McNamee
Stephan Whitmore



Digital
Democracy

Karen McElroy
Stephen Whittle

Digital Democracy

Karen McGann
Steven Witten

Digital Democracy

Garrett McElroy
Stephen Whitbeck































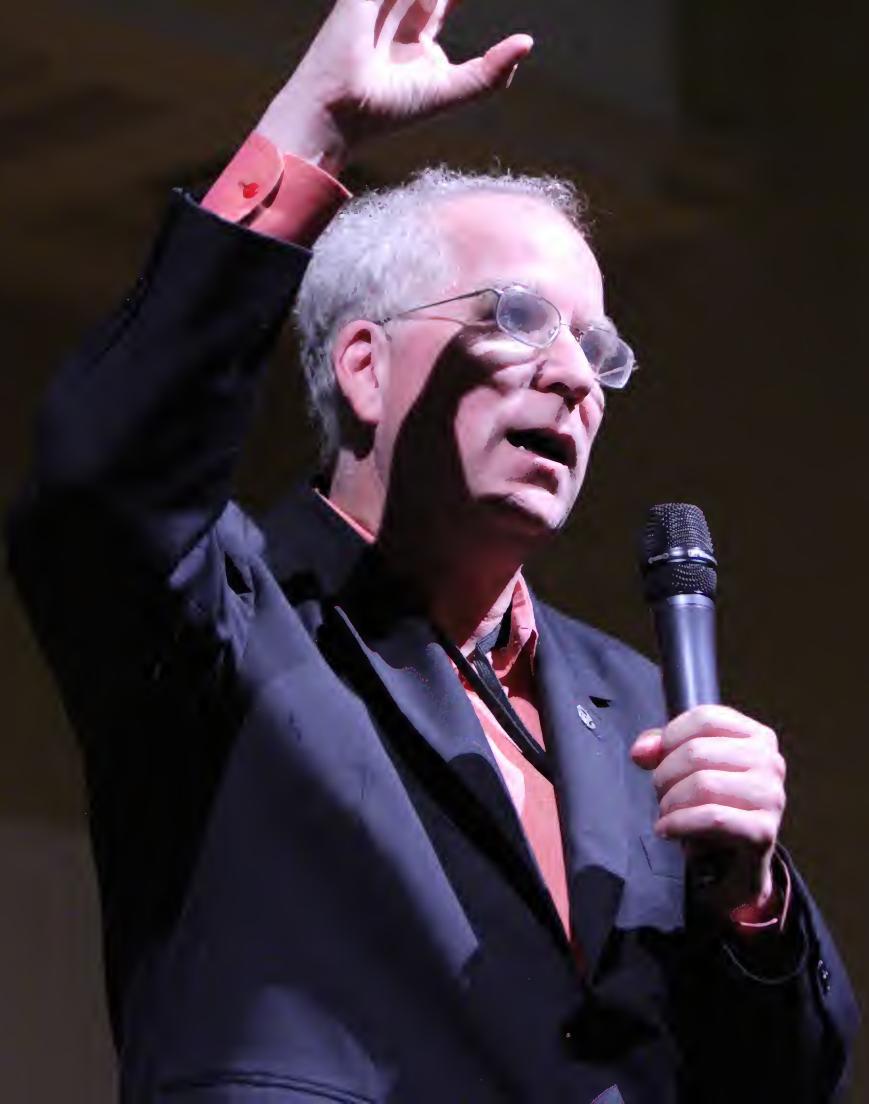
























Wendy
Drexel University
Summer 2014









Barbara W. M. Wong











































